Multimedia Survey

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ED 585: Integrating Technology into the Curriculum

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**1. Identification of Problem Area**

Are students spending class time learning how to use multimedia programs?

**2. The Importance of the Question**

From my experience in the classroom I have found that many students are lacking knowledge and experience of multimedia programs. This leads me to spend more class time instructing students how to use the program rather than using the time to have students complete class related projects. The goal of this survey is to determine if students are spending class time using multimedia programs.

**3. Summary of Database Articles**

Multimedia programs have had a profound impact on students in the classroom. This technology allows students to apply their learned knowledge, from textbooks and direct teacher instruction, into detailed presentations that illustrate their full understanding of the course material. Although there are numerous positive outcomes that are attributed to using multimedia programs one problem still remains, students need to be trained on how to properly use multimedia programs. In each of the five articles that I have reviewed for this project, they each begin with the teacher instructing the class on how to use the multimedia program. This common theme shows that, although students are taking classes that instruct them on how to use multimedia programs, students still need to practice using these programs throughout the school year.

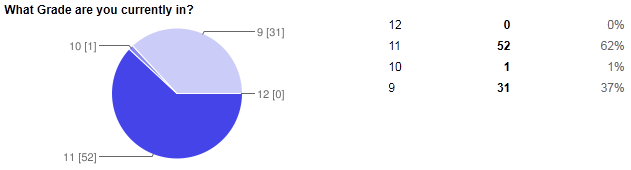
**4. Final Survey**

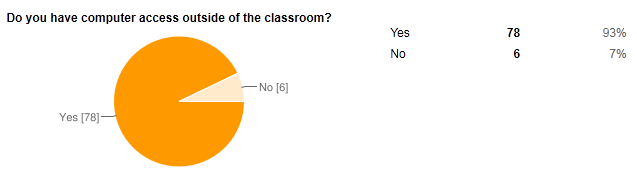
Click on the link below to view my Final Survey:

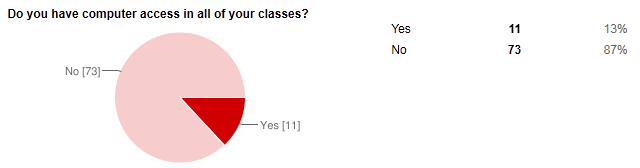
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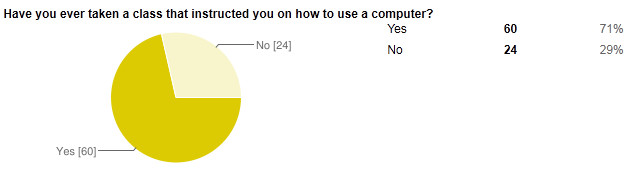
**5. Survey Results and Graphs**

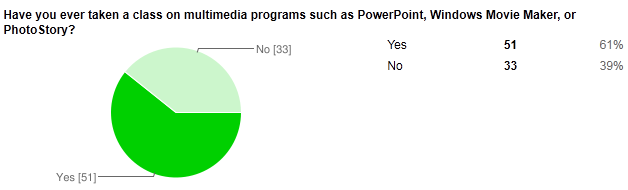
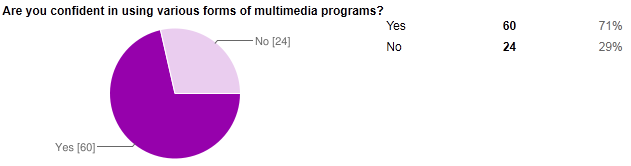
The purpose of this survey is to determine how often students are using multimedia programs in their classes as well as how confident they feel using multimedia programs on their own. The survey results and charts are listed below from the 84 students who were surveyed:

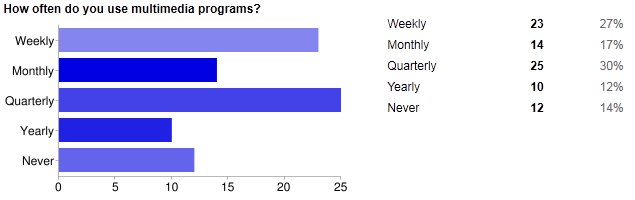
1. What grade are you currently in?
2. Do you have computer access outside of the classroom?

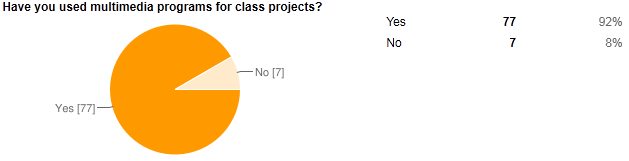
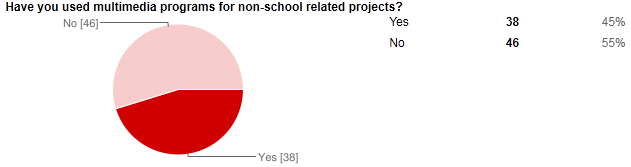
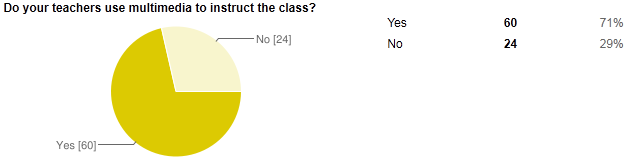
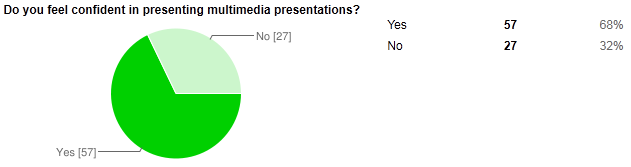


1. Do you have computer access in all of your classes?
2. Have you ever taken a class that instructed you on how to use a computer?



1. Have you ever taken a class on multimedia programs such as PowerPoint, Windows Movie Maker, or Photo Story?
2. Are you confident in using various forms of multimedia programs?
3. How often do you use multimedia programs?



1. Have you used multimedia programs for class projects?
2. Have you used multimedia programs for non-school related projects?
3. Do your teachers use multimedia to instruct the class?
4. Do you feel confident in presenting multimedia presentations?

**6. Reflection**

The goal of this survey was to determine if students are spending class time using multimedia programs and how confident the students feel using multimedia programs on their own. From the results of the survey, I have concluded that although students feel confident in their usage of multimedia programs they still need to spend more time practicing. According to this survey, the majority of students answered that they only use multimedia programs on a quarterly basis. This means that students are only using multimedia programs four times a school year. In order to become proficient at using multimedia programs students will need to use the programs more than four times a year.

This survey has motivated me to continue using and assigning multimedia projects. By having students complete multimedia projects not only are they learning the class material but they will also be practicing their computer skills. In addition to having my students work with multimedia projects I will encourage my coworkers to do the same.

References

Ferretti, S., Mirri, S., Muratori, L., Roccetti, M., & Salomoni, P. (2008). Cooperative multimedia management for participative learning: A case study. New Review Of Hypermedia & Multimedia, 14(2), 177-197. doi:10.1080/13614560802624233

Kingsley, K. V., & Boone, R. (2008). Effects of Multimedia Software on Achievement of Middle School Students in an American History Class. Journal Of Research On Technology In Education, 41(2), 203-221. Retrieved from EBSCO*host* on June 19, 2012.

Klassen, J., & Milton, P. (1999). Enhancing English Language Skills using Multimedia: Tried and Tested. Computer Assisted Language Learning, 12(4), 281-294.

Mai, N., & Tse-Kian, N. (2009). Engaging students in multimedia-mediated Constructivist learning -- Students' perceptions. Journal Of Educational Technology & Society, 12(2), 254-266. Retrieved from EBSCO*host* on June 19, 2012.

Tsung Juang, W. (2010). Educational Benefits of Multimedia Skills Training. Techtrends: Linking Research & Practice To Improve Learning, 54(1), 47-57. doi:10.1007/s11528-009-0363-x